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ART 34 AMDT

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METHOD FOR THE CONVEYANCE OF POSTAL ITEMS AND
PACKAGE MAILBOX

The invention relates to a method for the conveyance of postal items.

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A method of this type is known from French patent application FR 2 563 987.

In this prior-art method, mailpieces are transported to an electronic parcel compartment system. The recipients of the mailpiece can identify themselves as being authorized recipients at the electronic parcel compartment system and they can then remove
10 the parcel.

The invention is based on the objective of further developing the prior-art method in such a way that a better utilization of the capacities of the electronic parcel compartment system is achieved.

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According to the invention, this objective is achieved in that, when a mailpiece is deposited, the electronic parcel compartment system records identification information that identifies the mailpiece and/or it generates said identification information, and in that, during subsequent processing steps of the mailpieces, the identification
20 information is recorded and/or recorded and evaluated in a data processing component that stores transport data.

The execution according to the invention of the method, or the configuration according to the invention of the electronic parcel compartment system, make it
25 possible to use the electronic parcel compartment system to accept mailpieces and to

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ART 34 AMDT

Claims:

1. A method for the conveyance of a mailpiece, whereby an identification code is assigned to the mailpiece,

characterized in that

5 the mailpiece is delivered to a compartment of an electronic parcel compartment system, in that the identification number of the postal mailpiece is recorded and stored in the electronic parcel compartment system and/or in a central database.

2. The method according to Claim 1,

10 characterized in that

the depositing of the mailpiece into the electronic parcel compartment system is recorded in a data processing unit that stores transport data.

3. The method according to Claim 2,

15 characterized in that

the data processing unit that stores transport data sends a digital notification message for the parcel to be picked up.

4. The method according to Claim 3,

20 characterized in that

the notification message and/or the identification code contain information about the transport of the mailpiece and in that the transport of the mailpiece is effectuated at least partially on the basis of this information.

5. The method according to one or more of the preceding claims,
characterized in that,

in the area of the electronic parcel compartment system, a payment checking
procedure is carried out and in that an access possibility for depositing a parcel and/or
5 a closure mechanism for the parcel compartment are only activated if the payment
checking procedure has confirmed the presence of a monetary amount and/or of
monetary information in a predefinable amount.

6. The method according to Claim 5,

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characterized in that

the identification code contains the monetary information.

7. The method according to one or more of Claims 5 or 6,

characterized in that

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the payment to be made is selected as a function of the size of the parcel com-
partment.

8. A method for the conveyance of mailpieces using an electronic parcel
compartment system,

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characterized in that,

when the mailpiece is deposited, the electronic parcel compartment system
records identification information that identifies the mailpiece and/or it generates said
identification information, and in that, during subsequent processing steps of the
mailpieces, the identification information is recorded and/or evaluated in a data
25 processing unit that stores transport data.

REPLACED BY
PART 34 AMDT

9. The method according to Claim 8,
characterized in that

the identification information can be recorded when the mailpiece is deposited
5 as well as when the mailpiece is removed from the parcel compartment system by the
deliverer.

10. An electronic parcel compartment system,
characterized in that

10 it comprises means to record an identification code for mailpieces and to
subsequently transmit the identification code to a data processing unit that stores
transport data.

11. The electronic parcel compartment system according to Claim 10,
15 characterized in that

the electronic parcel compartment system transmits information about the
depositing and/or picking up of mailpieces to a data processing unit that stores
transport data.